

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A carrier head for chemical mechanical polishing, comprising:
a base having at least a portion formed of a polymer;
a mounting assembly connected to the base having a surface for contacting a substrate;
a retainer secured to the portion of the base to prevent the substrate from moving along the surface; and
a damping material secured between the retainer and the portion of the base to reduce the translation of vibrational energy between the retainer and the base, wherein the damping material does not rebound to its original shape after being deformed;
wherein the polymer includes polyphenylenesulfide, carbon fibers and polytetrafluoroethylene.
2. (Original) The carrier head of claim 1, wherein the portion of the base is a ring-shaped body extended around a perimeter of the base.
3. Cancelled.
4. (Previously Presented) The carrier head of claim 2, wherein the ring-shaped body includes at least one boss extending to contact the retainer.
5. (Previously Presented) The carrier head of claim 4, further comprising at least one screw extending through apertures in the base, the ring-shaped body and the damping material and into a receiving recess in the retainer to secure the retainer to the base.

6. (Previously Presented) The carrier head of claim 5, wherein the at least one boss surrounds the at least one screw.
7. Cancelled.
8. (Currently Amended) The carrier head of claim [[7]], wherein the polymer includes about 50-55% polyphenylenesulfide, 30-35% carbon fibers, and about 10-15% polytetrafluoroethylene.
9. (Currently Amended) The carrier head of claim [[7]], wherein the damping material includes a polyvinylchloride thermoplastic.
10. (Previously Presented) The carrier head of claim 2, wherein the polymer includes polyphenylenesulfide, carbon fibers and polytetrafluoroethylene.
11. (Original) The carrier head of claim 1, wherein the entire base is formed from the polymer.
- 12-41. Cancelled.